

## Productivity

Biomass → living mass of an organism or organisms  
\* Sometimes dry mass.

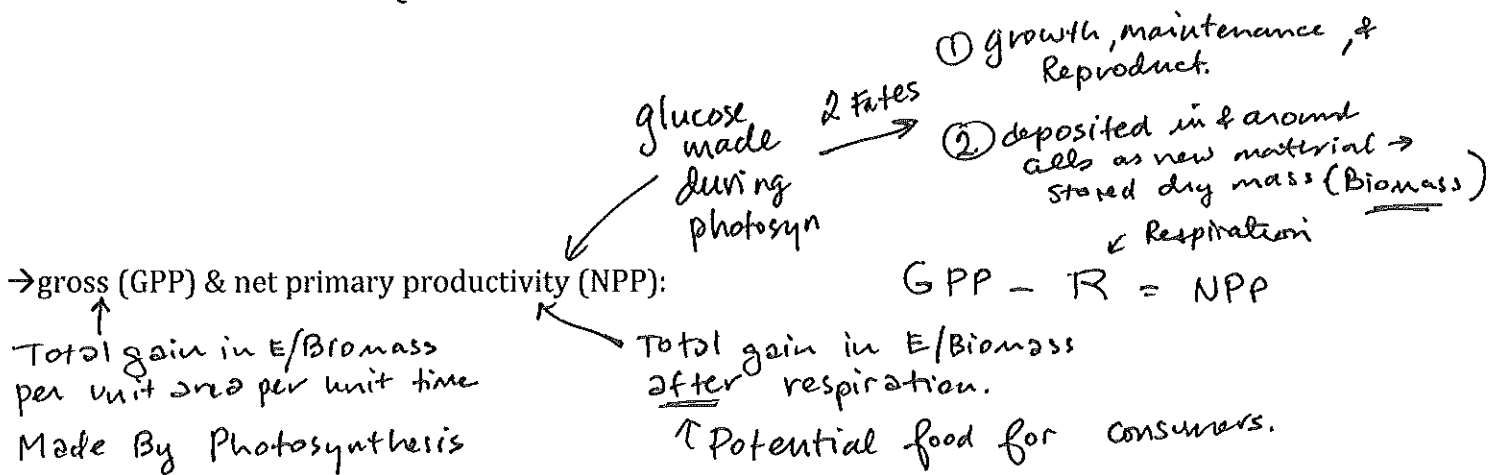
2.5.5 Define the terms gross productivity, net primary productivity, primary productivity, and secondary productivity

→ Productivity: making something per unit area per unit time ( $\text{meter}^2/\text{yr}$ )  
rate of growth or biomass increase in plants & animals.

→ primary productivity: (Deals w/ plants)

↳ typically  $\text{kJ m}^{-2} \text{yr}^{-1}$   
↑      ↖      ←  
unit of E    area    time

→ secondary productivity: (Deals w/ Animals)



→ gross secondary productivity (GSP): Total gain in E/Biomass per area/time by consumers through absorption.

